

## Goat anti-SLC22A16 Antibody

<b>Item Number</b>	dAP-0983
<b>Target Molecule</b>	Principle Name: SLC22A16; Official Symbol: SLC22A16; All Names and Symbols: SLC22A16; solute carrier family 22 (organic cation transporter), member 16 ; RP1-261K5.1; CT2; FLIPT2; OCT6; OKB1; dJ261K5.1 ; OTTHUMP0000040478; WUGSC:RG331P03.1; carnitine transporter 2; fly-like putative organic ion transporter 2; organic cation trans; Accession Number (s): NP_149116.2; Human Gene ID(s): 85413; Non-Human GeneID(s):
<b>Immunogen</b>	CSRNKRENTSSL, is from internal region
<b>Applications</b>	Pep ELISA, IHC Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human testis shows membranous staining in the seminiferous tubules. Recommended concentration, 1-2µg/ml.
<b>Reference</b>	Reference(s): Enomoto A, Wempe MF, Tsuchida H, Shin HJ, Cha SH, Anzai N, Goto A, Sakamoto A, Niwa T, Kanai Y, Anders MW, Endou H. Molecular identification of a novel carnitine transporter specific to human testis. Insights into the mechanism of carnitine recognition. J Biol Chem. 2002 Sep 27;277(39):36262-

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**